

Rabbit Keratin 5 Polyclonal Antibody | anti-KRT5 antibody

Keratin 5 Antibody

CATALOG # AAA304646	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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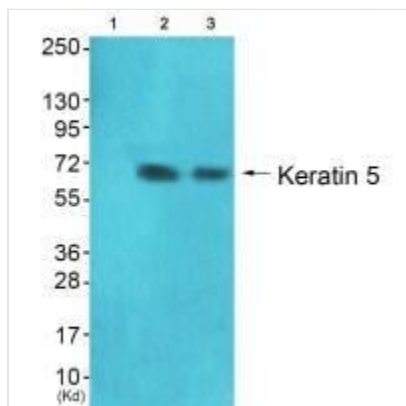
PRODUCT SYNONYMS

Keratin 5; Polyclonal Antibody; Keratin 5 Antibody; Keratin type II cytoskeletal 5; Cytokeratin-5; CK-5; K5; 58 kDa cytokeratin; anti-KRT5 antibody

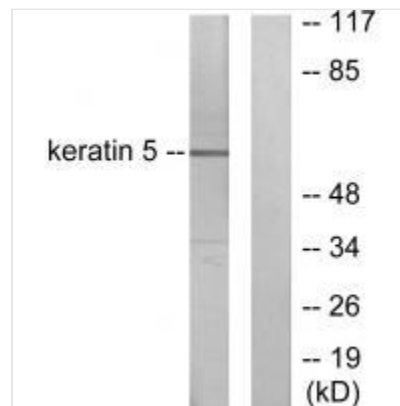
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Keratin 5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	590
Applicable Applications for anti-KRT5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Keratin 5.
Target Name	Keratin 5
Preparation and Storage	Store at -20 degree C

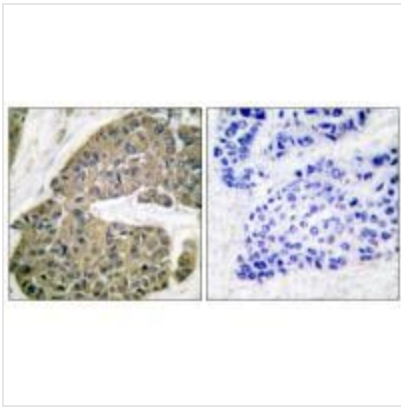
IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293 cells (Lane 2) and HepG2 cells (Lane 3), using Keratin 5 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using Keratin 5 antibody.



IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT5 antibody	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. Bettina Peters, Mol. Biol. Cell, Jun 2001; 12: 1775. J Casatorres, J. Biol. Chem., Aug 1994; 269: 20489 - 20496. Karin Müller-Decker, Am. J. Pathol., Feb 2005; 166: 575 - 584. Angel Ramírez, Genetics, May 2001; 158: 341.
Product Categories/Family for anti-KRT5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424.3
UniProt Accession #	P13647; Q6PI71; Q6UBJ0; Q8TA91
Molecular Weight	62,378 Da
NCBI Official Full Name	keratin, type II cytoskeletal 5
NCBI Official Synonym Full Names	keratin 5, type II
NCBI Official Symbol	KRT5
NCBI Official Synonym Symbols	K5; CK5; DDD; DDD1; EBS2; KRT5A
NCBI Protein Information	keratin, type II cytoskeletal 5
UniProt Protein Name	Keratin, type II cytoskeletal 5
UniProt Gene Name	KRT5
UniProt Synonym Gene Names	CK-5; K5
UniProt Entry Name	K2C5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/keratin-5-antibody-immunohistochemistry-western-blot-elisa/304646>